

U.S. Application No.: 10/623,949
AMENDMENT A

Attorney Docket: 3827.116

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (currently amended) A tool head for employment in machine tools with
a base body (12) having an axis,
a tool shank (14) projecting axially beyond the base body (12) and adapted for being coupled to a rotating machine spindle, and
at least two blade receptacles (18, 18', 18'') ~~which are spaced apart at least in the circumferential direction for receiving respectively one indexable cutting insert (20, 20', 20''), such that the~~ of which the active main cutting edge in the cutting position exhibits differing adjustment angles (α , α' , α'') relative to the base body axis,
wherein identical ~~the same type of~~ indexable cutting inserts (20, 20', 20'') are provided in the different blade receptacles (18, 18', 18''),
wherein the active main cutting edges (34) of the indexable cutting inserts (20, 20', 20'') ~~along their length~~ are subdivided along their length into at least two blade segments (36, 36', 36'') in alignment with each other, and
wherein for each of the various blade receptacles (18, 18', 18'') respectively only one of the cutting segments (36, 36', 36'') of the indexable cutting inserts is effective with the associated adjustment angle (α , α' , α'').
2. (currently amended) A tool head according to Claim 1, wherein the effective cutting blade segments ~~segment~~ (36, 36', 36'') of the indexable cutting inserts (20, 20', 20'') exhibit an axial separation from each other in the various insert receptacles (18, 18', 18'').

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3. (currently amended) A tool head according to Claim 1, wherein the indexable cutting inserts (20, 20', 20'') exhibit at least three main blade segments (34, 34', 34''), of which in the clamped-in condition respectively only one (34) is active with its effective cutting blade segment (36, 36', 36'').
4. (currently amended) A tool according to Claims 1, wherein the blade receptacles (18, 18', 18'') include short clamp holders (16, 16', 16'') for the indexable cutting inserts (20, 20', 20''), which are rigidly connected with the base body (12).
5. (currently amended) A change-out cutting head according to Claim 1, wherein in addition a reamer (22) is provided centrally projecting in the direction of advance beyond the area of the indexable cutting inserts (20, 20', 20'').
6. (currently amended) A tool head according to Claim 5, wherein the reamer (22) is displaceable axially relative to the base body (12).
7. (currently amended) An indexable cutting insert for tool heads (10) for employment in machine tools, with a multi-sided circumference, with main cutting edges (34, 34', 34'') on the individual circumference edges, of which in the operating condition respectively one (34) is active with a predetermined adjustment angle (α , α' , α''), wherein the active main cutting edges (34) are subdivided along their length into at least two cutting segments (36, 36', 36'') aligned with each other, of which in the operating condition respectively only one is effective with a predetermined adjustment angle (α , α' , α'').
8. (currently amended) An indexable cutting insert accordingly to Claim 7, whereby an imprint (3, 4, 6) provided in the area of the main blade edge (34, 34', 34'') marking the individual cutting segments (36, 36', 36'').

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